

STATION 279 A.—October 2, 1875. Off Papiete, Tahiti. Depth, 420 fathoms; mud.

STATION 279 C.—Same date. Depth, 620 fathoms; mud.

The material obtained from these neighbouring points was much alike, both in physical aspect and organic constituents—a bluish black, sticky mud, which left little residue after washing. The list of Foraminifera obtained in either case was extensive and interesting, indicating a fauna equally removed from a *Globigerina* ooze on one hand and a tropical shallow-water sand on the other, though possessing many of the species of both. Of comparatively rare forms the following are conspicuous:—*Textularia quadrilatera*, *Bolivina hantkeniana*, *Bolivina karreriana*, *Bolivina nobilis* and *Bolivina porrecta*, *Virgulina subsquamosa*, *Chilostomella ovoidea*, *Allomorphina trigona* (very rare), and *Patellina corrugata*.

STATION 280.—October 4, 1875. Lat. 18° 40' S., long. 149° 52' W. Depth, 1940 fathoms; bottom temperature, 1°·6 C.; *Globigerina* ooze.

Clean Foraminifera, with little black stones, but no fine mud. It contains the common varieties of *Globigerina*, *Pulvinulina*, *Sphæroidina*, and *Pullenia*, with *Haplophragmium latidorsatum* in large numbers, *Ehrenbergina hystrix*, *Candeina nitida*, *Uvigerina asperula*, *Pulvinulina favus*, and other interesting species. Amongst the microzoa were also a few Ostracoda and Radiolaria.

STATION 283.—October 9, 1875. Lat. 26° 9' S., long. 145° 17' W. Depth, 2075 fathoms; bottom temperature, 1°·3 C.; red clay.

A reddish brown mud, of which the residue after washing presented the remains of a Foraminifera-fauna similar to that last described, except that neither *Candeina* nor *Ehrenbergina* were detected in it.

STATION 285.—October 14, 1875. Lat. 32° 36' S., long. 137° 43' W. Depth, 2375 fathoms; bottom temperature, 1°·0 C.; red clay.

Brownish black mud, with pumice and manganese nodules; fish-teeth, a few Radiolaria, and very few Foraminifera. Of the latter there was little beyond one or two of the smaller arenaceous species, the specimens of which were very delicate and often broken.

STATION 286.—October 16, 1875. Lat. 33° 29' S., long. 133° 22' W. Depth, 2335 fathoms; bottom temperature, 0°·8 C.; red clay.

A brown manganese mud, precisely like the foregoing, both in physical characters